

TF-1829A-4/4



ABSTRACT / ZUSAMMENFASSUNG / ABREGE

03024701.9

A transfer ratio varying apparatus includes: a steering shaft (3) configured to transmit a steering angle, an actuator (1) connected to the steering shaft (3) and a damper (25) disposed between the input shaft (14) and the steering shaft (3) and configured to absorb vibration caused by the actuator (1). The actuator includes: a housing (10), an input shaft (14) configured to integrally rotate with the housing (10) and connected to the steering wheel, a motor (12) including a rotatable shaft, an output (15) shaft configured to transmit an angle to a wheel assembly, and a gear mechanism (13) between the rotatable shaft and the output shaft (15) at the housing (10), configured to adjust a rotational angle of the rotatable shaft and to output the adjusted rotational angle to the output shaft (15).